

1645  
TECH CENTER 1600/2900

APR 23 2002

RECEIVED

#6  
H.G.J  
4/29/02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rory A.J. Curtis                          Art Unit : 1645  
Serial No. : 09/875,321                          Examiner : Unknown  
Filed : June 6, 2001  
Title : 52906, 33408, AND 12189, NOVEL POTASSIUM CHANNEL FAMILY  
MEMBERS AND USES THEREOF

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. The following references were cited in a communication from a foreign patent office in a counterpart application (a copy of the communication is also enclosed).

**Foreign Patent Documents or Published Foreign Patent Applications**

- WO 99/47923 (September 23, 1999)  
WO 99/03882 (January 28, 1999)  
WO 98/11139 (March 19, 1998)

**Other Documents**

Desai et al., Journal of Biological Chemistry, Vol. 275, No. 51, (2000), pp.39954-39963

Jäger et al., FEBS Letters, Vol. 469, 2000 (pp. 196-202)

GenBank Accession No. AI271784 (November 19, 1998)

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

April 17, 2002  
Date of Deposit  
Suzanne M. Begalski  
Signature  
Suzanne M. Begalski  
Typed or Printed Name of Person Signing Certificate

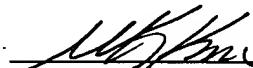
Applicant : Rory A.J. Curtis  
Serial No. : 09/875,321  
Filed : June 6, 2001  
Page : 2

Attorney's Docket No.: 10448-061001 / MPI2000-  
252P1R

This statement is being filed within before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 17, 2002



Mi K. Kim  
Reg. No. 44,830

Fish & Richardson P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, California 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10448-061001	Application No. 09/875,321
<b>Information Disclosed Statement by Applicant</b> <small>(Use several sheets if necessary)</small> <small>APR 19 2002 USPTO (37 CFR §1.95(e))</small>		<b>Applicant</b> <b>Rory A.J. Curtis</b>			
		Filing Date June 6, 2001	Group Art Unit 1645		

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes      No
	AA	WO 01/29068	26 Apr 2001	PCT			RECEIVED APR 23 2002
	AB	WO 01/04133	18 Jan 2001	PCT			
	AC	WO 00/12711	09 Mar 2000	PCT			
	AD	WO 99/47923	23 Sept 1999	PCT			
	AE	WO 99/03882	28 Jan 1999	PCT			
	AF	WO 98/11139	19 Mar 1998	PCT			

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AG	Atschuh et al., <u>J. Mol. Biol.</u> , 1990, 215:403-410
	AH	Atschuh et al., <u>Nucleic Acids Res.</u> , 1997, 25(17):3389-3402
	AI	International Human Genome Sequencing Consortium, <u>Initial sequencing and analysis of the human genome</u> , <u>Nature</u> 1, Vol. 409, 15 Feb. 2001
	AJ	Chanda (ed.), <u>Current Protocols in Molecular Biology</u> , 2000, Vol. 4, John Wiley & Sons, Inc. (Table of Contents only)
	AK	Desai et al., <u>The Journal of Biological Chemistry</u> , Vol. 275, No. 51, (2000) pp. 39954-39963
	AL	Jäger et al., <u>FEBS Letters</u> , 469 (2000) 196-202
	AM	Karlin et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1990, 87(6):2264-2268
	AN	Karlin et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1993, 90(12):5873-5877
	AO	<u>Molecular Cloning-A Laboratory Manual</u> , 1989, 2 <sup>nd</sup> Edition, Sambrook et al. (eds.), Cold Spring Harbor Laboratory Press (Table of Contents only)
	AP	Myers et al., <u>CABIOS</u> , 1988, 4:11-17
	AQ	The Human Genome <u>The Sequencing of the Human Genome</u> , <u>Science</u> , Vol. 291, 16 Feb 2001
	AR	Sonnhammer et al., <u>Proteins</u> , 1997, 28(3):405-420
	AS	Weintraub et al., <u>Trends in Genetics</u> , January 1985
	AT	GenBank Accession No. AF032099 (March 21, 2000)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10448-061001	Application No. 09/875,321
<b>Information Disclosed Statement</b> APR 19 2002 (37 CFR §1.98(b)) by Applicant (use several sheets if necessary)		Applicant Rory A.J. Curtis	
		Filing Date June 6, 2001	Group Art Unit 1645

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AU	GenBank Accession No. AF032101 (April 6, 1995)
	AV	GenBank Accession No. 3004907 (April 2, 1998)
	AW	GenBank Accession No. U69185 (October 27, 1999)
	AX	GenBank Accession No. AW628656 (March 31, 2000)
	AY	GenBank Accession No. F05455 (February 15, 1995)
	AZ	GenBank Accession No. F05456 (February 19, 1995)
	AAA	GenBank Accession No. Z38438 (October 27, 1994)
	ABB	GenBank Accession No. 6625694 (December 22, 1999)
	ACC	GenBank Accession No. AL355101 (September 17, 2001)
	ADD	GenBank Accession No. AL560989 (October 31, 1994)
	AEE	GenBank Accession No. AI810558 (September 7, 1999)
	AFF	GenBank Accession No. AA418096 (February 5, 1999)
	AGG	GenBank Accession No. U69882 (May 30, 1997)
	AHH	GenBank Accession No. AF079372 (June 18, 1993)
	AII	GenBank Accession No. V35457 (October 1, 1998)
	AJJ	GenBank Accession No. V35446 (October 1, 1998)
	AKK	GenBank Accession No. Z51630 (June 21, 2000)
	ALL	GenBank Accession No. 1575663 (October 2, 1996)
	AMM	GenBank Accession No. 6650274 (January 1, 2000)
	ANN	GenBank Accession No. W63707 (October 1, 1998)
	AOO	GenBank Accession No. W63702 (October 1, 1998)
	APP	GenBank Accession No. AI271784 (November 19, 1998)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	